

CALIBRATION FOR AN ACTIVE NOISE CONTROL SYSTEM

ABSTRACT OF THE DISCLOSURE

An active noise control system (20) includes a controller (26) that drives a speaker (28) to cancel out or reduce noise. A microphone (30) provides information to the controller (26) regarding the system response to the noise source sound and the cancellation signal. The controller (26) uses a selected noise source sound as a calibration reference. By subsequently comparing the system response to the same sound, the controller (26) is able to calibrate the system and make any adjustments necessary to account for microphone drift, for example.